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Amendments to the Claims:

Please amend claims 20 and 24 as set forth below.

1-19. (Canceled)

20. (Currently amended) A method for diagnosing erythrocyte hemolysis in a subject who may have suspected of having erythrocyte hemolysis comprising the steps of:

- (a) obtaining a serum sample from said subject; and
- (b) determining the level of erythrocyte adenylate kinase activity in said sample, the presence of at least about 20 U/L erythrocyte adenylate kinase activity in said sample being indicative of erythrocyte hemolysis in said subject.

21-23. (Canceled)

24. (Currently amended) The method of claim 20, wherein determination of erythrocyte adenylate kinase activity comprises ~~is determined by~~ determining the proportion of erythrocyte adenylate kinase ~~total adenylate kinase activity~~ to total adenylate kinase ~~erythrocyte adenylate kinase activity~~.

25. (Previously presented) The method of claim 20, wherein erythrocyte adenylate kinase activity is determined using an antibody that is specific for adenylate kinase.

26. (Previously presented) The method of claim 25, wherein the antibody is specific for erythrocyte adenylate kinase.